

More Policemen have been RECRUITED in the **ARREST TEAM**

Over 115.000 dollars is invested in the preparation for each member





After a very DEMANDING TRAINING

More Policemen have been recruited in the Arrest Team

A COMBINED effort between the Police Units in the Dutch Caribbean and the Special Interventions Unit of Holland resulted in a very demanding training course in the last week.

A total of 25 policemen from Bonaire, Curacao, Saint Martin and Aruba participated in this course of heavy trainings which demanded a lot of their physical, intellectual and physiological capacity. At the end of the course, 11 received their blue berets.

The policemen that successfully passed their exam are now capable to enter the Arrest Team of their respective countries. The Police School Edgar J. 'Watty' Vos coordinated this course, while the organizations and preparations were executed by the Special Interventions Unit of Holland together with the Police Units of the different Islands.

The Special Interventions Unit upgraded the instructors. The organization had the cooperation of the Corps Marines for the physical trainings and the use of their facility to do the trainings. They also helped in giving instructions on how to fight terrorism.

This was a very demanding and difficult course and many participants do not reach till the final or do not finish it successfully. The Police Department of Aruba is proud of the 11 Policemen of the Dutch Caribbean

who finished this course successfully from which 4 are from Aruba. They all received the Blue Berets and can now join the Arrest Team.

The Specialized Arrest team is one of the most expensive recourses in a police organization. The inversion of this training course is of over 115.000 dollars per person. It's a very expensive inversion and only the best will reach final. The Police Department of Aruba considers the cooperation among the islands very sublime, which without any doubt inspired the Policemen as well to participate with all confidence. The planning was very good put together and up to standards.

Even though a good collaboration already existed between the Police Units of the Island by personnel exchanges, these kinds of trainings help the Policemen get more acquainted to each other.

It facilitates the work on the different islands when there are needs to investigate criminal cases that cross borders of our Kingdom. Aruba and the other Islands



are in full cooperation with each other on the fields of the Arrest Team, Investigation Department, Criminal Investigation Department, and sometimes even Patrol Police.

The Police Department in Aruba is very proud of the capacity of the Policemen who finished with success this very hard and demanding training. It is hoped that this can serve as an example to stimulate other Policemen to give their maximum effort and that more can be inspired to follow these courses and form part of the Arrest Team of the Police Department of Aruba.



TONIGHT Last Free CONCERT

at Cas Di Cultura

UNDER the direction of Simon Gollo, the famous Venezuelan/Swiss violinist, the Nuevo Mundo Festival & Academy (NMFA) will have its last free concert at Cas di Cultura tonight, June 15th.

For the Faculty's concert, Jihye Chang, (Korea), Piano; Jorge Montilla, (Venezuela), Clarinet and German Marciano, (Venezuela), Cello will play Johannes Brahms' Trio For Clarinet, Cello and Piano in A Minor, Op.114 (1891) consisting of four movements.

As is customary, the students' concerts are not announced ahead of time and remain a surprise. And what a pleasant surprise they have been.

Tomorrow night, June 16th the Nuevo Mundo Festival and Academy will present its Gala Concert to bring to a close this year's festival. The final concert will be performed in the main hall of the Cas di Cultura. The charge for admission to the Gala Concert featuring the NMFA Chamber Orchestra will be US\$20.00 or AELS 35.00.

Friday Afternoon

SHARP OBJECTS were thrown on a public road

FRIDAY afternoon, the Police Department has been notified that some persons unknown to the Police threw different sharp object, the so called crow's foot, on the road in front of the Occidental Hotel that goes to Setar Palm Beach and McDonalds.

According to Tito Lacle, has the spokesperson of the Police Department said: "We do not know what are intention of doing something like this but, seeing that it was the same modus operandi of a case in the past related to a serious armed robbery, we immediately mobilized the entire personnel of the North District and other police departments. We are on a maximum alert and an investigation has started on this case. All the business owners in the area have been notified to be alert for any strange movements. Until this moment not much information can be given, since the investigations just started. We are making sure to ensure

tranquility and security in the area".

The Police Department is asking anyone who know anything related to this case or has seen something strange, to please contact the Police Central immediately at number 100 or give anonymous information via direct tip line: 11141.



InselAir starts NON-STOP SERVICE

from Curacao to Manaus and to Puerto Ordaz



Flight#	Departure Curacao	Arrival Manaus	Days
7I 773	08:50 PM	11:40 PM	Mon, Fri
Flight#	Departure Manaus	Arrival Curacao	Days
7I 774	02:30 AM	05:20 AM	Tue, Sat
Flight#	Departure Curacao	Arrival Puerto Ordaz	Days
7I 641	08:45 PM	09:40 PM	Tue, Sat
Flight#	Departure Puerto Ordaz	Arrival Curacao	Days
7I 642	06:50 AM	08:45 AM	Wed, Sun

WILLEMSTAD – Curacao. InselAir will start its Curacao-Manaus operations on July 3rd on Mondays and Fridays. Puerto Ordaz flights start on July 14th and will be flown on Tuesdays and Saturdays. The largest Caribbean-based carrier offers its customers a total of 24 destinations and offers passengers the largest network in the Caribbean. Tickets are on sale now and can be purchased at any InselAir ticket office, via fly-inselair.com, at InselAir's Contact Center and via local travel agents.

Curacao – Manaus: the fastest connection from the Caribbean to Brazil

"By launching this new route we offer passengers from Curacao and from our other destinations the fastest and easiest connection into Brazil", says Jurgen Lippinkhof, Chief Commercial Officer from InselAir. "And from Manaus, passengers can easily connect to other destinations in Brazil, such

as Rio de Janeiro and Sao Paulo as therecently built airport in Manaus offers many of such connections", ends Lippinkhof. With this new route InselAir will seamlessly connect other destinations including Bonaire, Curacao, Caracas, Las Piedras, Sto Domingo, Paramaribo, Port-of-Spain, Barquisimeto, Valencia, Miami, St. Maarten, Georgetown, Port-au-Prince and Havana to Manaus. For flight schedules and fares InselAir advises travelers to consult fly-inselair.com.

2-for-1 special and flight schedule

InselAir offers a 2-for-1 special from Curacao to Manaus which is available at InselAir ticket offices, via InselAir Contact Center and at local travel agents for ANG 738 (total price for 2 tickets) and from Manaus to Curacao USD 418 (total price for 2 tickets). The 2-for-1 special is also available from above mentioned destinations to Manaus and vice versa. Fares are based on a round trip and including

government taxes and excluding airport tax for Curacao. Passengers traveling from Las Piedras or Puerto Ordaz will also have to pay their airport tax at the airport. Booking period is until July 3rd, 2015 and travel period is from July 3rd until October 3rd, 2015. Black-out dates are from August 24th until September 11th, 2015. Flights will be operated with a Fokker 70 and according to the following flight schedule. All times are local.

Curacao – Puerto Ordaz: InselAir's 6th destination in Venezuela

Puerto Ordaz is the main part of the city of Ciudad Guyana in the state of Bolívar and is one of Venezuela's fastest growing and largest cities. Puerto Ordaz is located at the confluence of the Caroní and Orinoco rivers and its main industries are iron, steel and aluminum. For leisure travelers, Puerto Ordaz offers many nature parks, such as Parque La Llovizna, a beautiful island in the

Caroní River with many streams and waterfalls and Parque Cachamay, with spectacular rapids of the Caroní River. A must see are the Angel Falls, the world's highest uninterrupted waterfall (979 m), located approximately 260 km from Puerto Ordaz (50 minute flight).

Network campaign, introduction fares and flight schedule

As a part of the recently launched 1 million guilder international network campaign, InselAir is heavily promoting Curacao in Manaus and in Puerto Ordaz. Various channels are being used, such as local media (radio, tv, newspapers), social media and online marketing.

InselAir offers from Curacao to Puerto Ordaz a starting from fare of ANG 346. All fares are based on a round trip and including government taxes and excluding Curacao Airport Tax. Flights will be operated with a MD and according to the following flight schedule. All times are local.



Yoga for Harmony & Peace

First International DAY OF YOGA

Organized by Indian Association of Aruba and Prana Yoga

Sunday, 21st June 2015 at Prana Yoga Center

YOGA is a 6,000+-year-old physical, mental and spiritual practice having its origin in India, which aims to transform the body and the mind. Although Yoga started some 6,000 years ago in India, it is only now that UN has agreed to officially recognize the efforts and declare 21st June every year as an International Yoga Day. This day is called 'summer solstice' and is the longest day in the northern hemisphere with a special significance in many parts of the world. Yoga embodies unity of mind and body; thought and action; harmony between man and nature and a holistic approach to health and well-being. It is not only about physical exercise but to discover the sense of oneness within yourself, the world and the nature. By changing our lifestyle and creating consciousness, it can help us deal with various issues whether personal, national or societal issues like climate change.

Indian Association of Aruba, in active collaboration with Prana Yoga Center, will organize Yoga Day activities in Aruba from 4:30 to 7 p.m. this Sunday, the 21st June 2015 at Prana Yoga Center. On this day, we are pleased to advise that various yoga trainers in Aruba have joined hands to put up a program as under: 4.30 Welcome and Yoga Sun Salutation demo

by teachers and students together in the garden. 5.30 Quantum Yoga mini lectures by Ellen Buermans (founder of Prana) 6.30 Yoga On and Off the Mat by Marcelle (certified vinyasa teacher) 7.00 Closing with "Unify" Sun Salutation followed by 15 minutes meditation Activities will also include a Healing Sound Concert (with 17 Tibetan Bowls) by Ellen Biernans and a beautiful yoga video throughout the afternoon.

Prana Yoga is located at Zepp Lampstraat # 10 between Colegio Arubano and Plaza Betico Croes. ALL ACTIVITIES OF YOGA DAY WILL BE FREE OF CHARGE TO THE PARTICIPANTS. O and all are welcome to join and get a taste of Yoga activities in Aruba. For further information, please call 588 2882 or 661 8133.

Indian Association and Prana Center recognizes the willing cooperation by many Yoga organizations like Yoga for All Aruba, Yoga for Spanish community, Dushi Yoga, Bramha Kumaris, Fresh juices and smoothies by Tribu Organics and Sup Yoga by Yogi Nathalie.



Marketing Meetings with GLOBAL REPRESENTATIVES

Organized annually by the Aruba Tourism Authority (ATA)



WITH great enthusiasm, everyone who shares tasks for the marketing of Aruba as a touristic destination, met in Aruba to discuss the last period of 2015 and focused on the objectives and strategies for 2016. These meetings are organized annually with the purpose to discuss the global tendencies on the marketing field and integrate these in the marketing plan and ensure that Aruba too can stay up to date in the relevant developments, and adopt new practices and stay on top of the tourist world.

One important topic discussed in detail during the meetings was the Projection for 2016. Every market got the opportunity to give their input. The Projection for the rest of 2015 was also widely discussed and each market analyzed the challenges and opportunities for the second period of 2015. The availability of air transport, diversification of markets and the Investment criteria were also points of discussion.

Other important topics were the definition of the 'affluent visitor' and

how to keep bringing these types of visitors to the island, who nowadays do not just look for a vacation but for an unforgettable experience which includes the reaching of the culture and the healthy aspects of the visited destination. Special menus and attentions should be active during their vacation. It is also very important to be connected (WIFI) during their stay on the island.

The topic of digital marketing received a lot of attention as well. As we all know this is one of the information accesses for the visitors to stay informed using different information channels.

Many important presentations were given by different members of the team of the Aruba Tourism Authority (ATA) who took the opportunity not only to present the information but also to get feedback from all the different

marketing representatives who will help on their projected plans.

In addition to discussing all these important topics of marketing, the development to the "Aruba" project has also received the proper attention where feedbacks were received on how to improve this aspect.

"These were very fruitful days where all those who represent Aruba in marketing came together to discuss and start planning for 2016. ATA has its plan of management up to 2017, but annually makes adjustments, defines and ensures that the direction and actions are aligned with the management plan and the budget for the following year.

All these aspects form part of the plan and annual budget of the ATA.

ATA is an organization that believes and works in a dynamic and innovative manner and is always looking for new aspects and ideas to achieve great improvements on the different markets. I am very happy and satisfied with the compromise and enthusiasm of each member of our team because this surely contributes to a successful tourism for Aruba which is the pillar of our country". Mrs. Ronella Tjin Asjoe Croes, CEO of Aruba Tourism Authority concluded. According to the law, the plan and budget proposal for 2016 should be delivered to the Supervisory Board no later than September 2015.

Aruba Dolphins

WINNERS

of the Aruba CHAMPIONSHIP 2015



THE Olympic Pool Roly Bisslik was a witness how the best Swimming Clubs of Aruba gave each other a strong battle to find out who can be called the best of 2015. A huge crowd came to support their favorite athletes who gave their all to present a wonderful competition.

The competition was between the Aruba Dolphins Swimming, Stingray Swimming and The Orcas. Different age group participated. It was a very close competition and we can say that all the clubs can say that they are 'the Best' however, the absolute winner of the Aruba Championship 2015 was the Aruba Dolphins Swimming and took a total of 293 medals of which 99 were gold.

THE RESULTS:

Female Category:

Elisabeth Timmer and Daniella van den Berg were able to surpass their record. Daniella managed this in 4 different disciplines: 800 Free, 100 Fly, 200 Fly and 200 IM.

Male Category:

Croes in 50m free, Renze Postma in 200m Back and Jordy Groters in 200m IM.

Aruba Dolphins Swimming won 93 Medals: 99 Gold and 105 Silver and 89 Bronze.

Stingray Swimming won 189 Medals: 85 Gold, 60 Silver and 44 Bronze.

The Orcas won 27 medals: 6 Gold, 8 Silver and 13 Bronze.

LOTTO, Aruba's Lottery and the Subsidy Commission are the proud sponsors of the Aruba Championship 2015



Bodyboard & Surf in One Cool Aruba

COPA ANKER 2015



IT was an amazing weekend for those who practice Bodyboard and Surfing on this beautiful Island of Aruba where they had the opportunity to compete against each other during the 'Copa Anker 2015' Competition organized by The Aruba Bodyboarding Association.

During two whole days, a large group participated in these extreme sports, competing strongly against each other in the third event of the national ranking for 2015.

The weather was great and the condition of the sea was between 2 to 5 feet high. The dynamic waves made it possible for a perfect event.

THE FINAL RESULTS:

Open Division Bodyboard:

- 1st Place: Jeremy Loefstok
- 2nd Place: Joshua Kelly
- 3rd Place: Jayfrem
- 4th Place: Anthony

Open Surf Division:

- 1st Place: Xenon Laclé,
- 2nd Place: Etienne Rudel
- 3rd Place: Wesley Martinez
- 4th Place: Danny Yarzagaray

Drop Knee Bodyboard Division:

- 1st Place: Kenny Kock
- 2nd Place: Jeremy Loefstok
- 3rd Place: Jerred Stede
- 4th Place: Roduard Ferrier

Junior Bodyboard Division:

- 1st Place: Jayfrem Croes
- 2nd Place: Rick Werleman
- 3rd Place: Jared de Vries
- 4th Place: Aaron Angela

Female Division Women Surf:

- 1st Place: Tatja Becker
- 2nd Place: Lea Mesker

Women Bodyboard Division:

- 1st Place: Ebrina Curet
- 2nd Place: Lienne Lopez
- 3rd Place: Xianthe Jansen

The Aruba Bodyboarding Association conveys a warm gratitude to LOTTO, Aruba's Lottery and the Subsidy Commission for their support in the 'Copa Anker 2015' Competition.

Chinese police 'find SUICIDE NOTE' in case of 'left behind' children deaths

POLICE investigating the deaths of four Chinese children who drank pesticide after being abandoned by their migrant worker parents say they have found a suicide note near the eldest victim's body.

"Thanks for your kindness. I know you mean well for us, but we should go now," the note said, according to the state-run China News Service.

The four siblings, a boy and three girls aged five to 14, were found dead on Tuesday at their home in a rural village outside the city of Bijie in Guizhou, one of China's poorest provinces.

Initial reports suggested they had

poisoned themselves after their parents abandoned them and left the village to find work elsewhere.

There are an estimated 60 million "left behind" children in China, who are often put into the care of elderly relatives or unsupervised when their parents migrate to the cities looking for work.

The mother of the four children returned to the village on Friday from Guangdong province, China's manufacturing heartland, where she had been working in a toy factory.

"I did not shoulder my responsibility for

2014 after a dispute with her husband involving domestic violence. "I didn't dare not go home," she said.

In March this year, the siblings found themselves completely alone after their father also left the village. "I am illiterate and cannot even write my own name. I wanted them to perform well in school, unlike me, living a hard life," Ren said. State-controlled media outlets have sought to downplay the government's possible responsibility for the tragedy, but at least two local officials have been sacked.

Facing public outrage over the deaths,

them," Ren Xifen, 32, told China's official Xinhua news agency, after arriving home to see her children's bodies before their cremation.

"I have truly failed them," she added, according to the China Youth Daily newspaper. "How I wish I could go with them."

Ren admitted she had left them behind in early

China's prime minister, Li Keqiang, was forced to step in on Friday to promise an urgent inquiry. "Such a tragedy cannot be allowed to happen again," he said.

Investigating officers have determined it was a mass suicide, Xinhua reported on Saturday, citing the letter police said they had found at the children's home. Liu Xin, a senior police officer, told the China News Service his team had used handwriting analysis to determine that the couple's 14-year-old son had written the note.

"I made a vow that I wouldn't live over the age of 15," the note said, according to the news agency. "I'm 14 now. I dream about death, and yet that dream never comes true. Today it must finally come true."

Chinese bloggers reacted to claims about the existence of a suicide note with suspicion. "It is still uncertain whether there is a note or whether its contents have been tampered with," Xu Xin, a law professor from the Beijing Institute of Technology, wrote on Weibo, China's equivalent to Twitter.

The deaths are the second tragedy involving "left behind" children in Bijie in recent years. In 2012, five young boys from the same area died after lighting a fire in a dustbin inside which they had taken shelter from the cold.

Jurassic World roars to record setting \$275 MILLION OPENING in North America



LOS ANGELES (REUTERS) - Dinosaurs rule the earth again after Jurassic World debuted to a dominant US\$204.6 million (S\$275 million) at the domestic box office this weekend. That commanding number, the second biggest opening in history, all but ensures that those pesky geneticists will keep futzing around with Triceratops DNA for several more instalments and park-goers will continue to serve as prehistoric reptile kibble. Universal Pictures and Legendary shelled out US\$150 million to reopen the park, bringing on Sundance sensation Colin Trevorrow (Safety Not Guaranteed) and snagging Chris Pratt to star in the sequel. It has been more than a decade since Jurassic Park III and the absence appears to have spiked interest in the latest film. Credit goes to Trevorrow and crew for recapturing that old Isla Nublar magic. Going into the weekend, it was clear that Jurassic World was shaping up to be a box office colossus, but no one was even close to predicting the scale of the opening. Most projections were in the US\$125 million to US\$135 million range.



Airlines could SHRINK CARRY-ON bag size

(CNN) — It could be time to trade in your suitcase for a slimmer model. The International Air Transport Association has put out a recommendation that cabin bags be 21.5 x 13.5 x 7.5 inches to create more space for passengers to store luggage. Airlines set their own carry-on limits but the recommendation, if adopted, could lead them to trim bag sizes at most major carriers.

No North American carriers have yet accepted the IATA guidance but Emirates, Lufthansa (DLAKF) and seven others have. Southwest Airlines (LUV) and American Airlines (AAL) said they don't have any plans to change carry-on guidelines. Southwest passengers would be among the hardest hit if IATA's recommendation

becomes standard across the industry. They would lose about 40% in bag space. People flying on American or Delta Air Lines (DAL) would need bags roughly 20% smaller. IATA, which represents carriers that make up around 80% of air traffic, is working with manufacturers to produce suitcases that fit its specifications.

Those cases will display a "Cabin OK" logo. Flying with one of the carriers who has signed up doesn't mean you have to downsize, but a sleeker case will boost your chances of getting overhead locker space on a full flight. The airlines will prioritize bags that fit the size recommendations over bigger cases. It may be good news for luggage makers but air travelers won't be pleased.

FIVE INJURED after gun fires accidentally during wedding at Waldorf Astoria

(CNN)—A firearm accidentally discharged during a weekend wedding at the Waldorf Astoria in New York, authorities said. Guests were taking pictures at a lobby when the gun went off Saturday night, CNN affiliate WABC reported.

It was in the pocket of a 42-year-old guest when it went off, grazing a woman in the head when the bullet ricocheted. She was not seriously injured, the affiliate reported. Four others were injured when they were hit by shattered glass or debris, and treated at local hospitals, according to the affiliate. The guest carrying the gun was detained and questioned by police, according to the affiliate, but it is unclear whether he will face charges. The Waldorf Astoria allowed the couple to continue with the wedding ceremony, but asked guests to leave after 10 p.m., WABC said. The hotel said it is cooperating with investigators. "The safety and security of our guests and team members are the hotel's top priorities," Waldorf Astoria said in a statement. The Waldorf is a cultural icon and has hosted foreign heads





Former Trinidad minister

ADMITTS CONSPIRACY to conceal marijuana find

AS if he wasn't in enough trouble already, former Trinidad and Tobago national security minister Jack Warner, who is currently charged with multiple counts of racketeering, corruption and money laundering in the United States, has voluntarily admitted that he and former deputy commissioner of police Mervyn Richardson conspired to conceal the discovery of a quantity of marijuana in 2013.

Warner also named Gary Griffith, his successor as national security minister, as being part of the plan to ensure there was no criminal probe into the alleged marijuana discovery, local media reported.

In a statement dated June 6, 2015, Warner outlined how he and Richardson apparently conspired to pervert the course of justice.

Warner is currently free on bail after being arrested last month at the request of the US Justice Department, pending an application for his extradition. He is due to re-appear at the Port of Spain Magistrates' Court on July 9 and he has indicated he will be contesting the extradition request by the US.

The indictment against Warner and 13 others follows four years of investigations by the US Federal Bureau of Investigation and Internal Revenue Service into allegations of "rampant and systemic" corruption and self-dealing by FIFA officials.

On June 3, the US requested Interpol to issue a "red notice" in relation to Warner and five other suspects.

Zoo animals on the LOOSE

and deaths feared after Georgia floods



TIGERS, lions, wolves and bears are feared to be still on the loose in Georgia's capital, amid chaotic scenes brought by devastating floods that have reportedly killed 12 people.

Images of an escaped hippopotamus being cornered in one of Tbilisi's main squares after escaping from the city's zoo have emerged, while other animals have been killed or remain at large.

Heavy rainfall turned the Vere River – which flows through the capital – into a torrent that swept away dozens of buildings and cars. At least 12 people have been killed, according to news agencies, while others are missing.

The army has been mobilized to help. "The damage is substantial," the Prime Minister, Irakli Garibashvili, told reporters. He also called on residents to stay home as the search for the animals continued.

Carcasses of wild animals that have been shot dead litter the streets and tangled heaps of wreckage scar a large area around Tbilisi's zoo after Saturday night's flash flood.

The zoo itself has been almost totally destroyed, says its director, with most of its animals either drowned or shot after escaping. "It's an unbelievable tragedy," said Zura Gurrielidze as he surveyed his

stricken zoo park.

Three of his staff were among those reported dead in the disaster. Among them was 56-year-old Guliko Chitadze, who was attacked by one of the zoo's tigers last month and lost an arm. She had just returned to work, telling fellow staff she did not blame the tiger for what happened. She lived in the zoo grounds with her husband, who died with her.

There are also reports of people using their hunting rifles to shoot animals they see, and Gurrielidze appealed for them not to, in case they could be saved. There were no immediate reports that any of the other fatalities were due to animal attacks.

Among the biggest tragedies for the zoo is the loss of a rare white lion called Shumba. It had become one of the zoo's biggest attractions after they paired it with a dog to keep it company, after Shumba's mother stopped caring for him. They became friends and could be seen playing and sleeping together right outside the zoo's main offices.

Such heavy rain is unusual for this time of year. But many say uncontrolled development in the area made things worse, with the drainage system overwhelmed. The zoo, situated at the bottom of a valley in the city, was right in the target of line of the surge of water that resulted.



ONCE A MENACE,

African 'killer bees' are all the buzz for health solutions



NAIROBI, KENYA (CNN)—Africanized bees, known as 'killer bees,' once gained notoriety in the United States for swarming and killing. But while Africa's bees tend to be more aggressive than their European or American counterparts, their aggression also makes them more productive and resilient. Scientists in Nairobi are working to utilize the African bee and its aggression to the continent's advantage. "We have found in our previous studies that bees in Africa are a bit resistant, they are resilient to the bee pests," said Dr. Suresh Raina, the founder and principal research scientist at the African Reference Laboratory for Bee Health. He calls the quality a "novel resistance mechanism," and his team

is selectively breeding bees that exhibit this quality to create a strong base of bees in Africa.

12 male bees for one queen bee

In a laboratory in Nairobi, a scientist collects the semen from male drone bees, squeezing their thoraxes and killing them in the process. Twelve male drone bees will die to artificially inseminate one queen bee. She puts the queen in a plastic tube, attached to carbon dioxide gas. The gas sends the queen to sleep, temporarily paralyzing her. Once the bee is asleep, the scientist opens up the bee's vaginal canal and drops the semen into it. The bees that will come from this queen will be less hostile to humans than this typical strain of

African bee, and more productive and more resistant to disease.

'Shortages of pollinators'

While Africa has been spared by the mass bee losses occurring in the United States and Europe, with less advanced food security systems, Africa's scientists say they need to act proactively. "Bees are dying and countries are having shortages of pollinators, even in the United States," Raina said. "We thought, suppose if that disease occurred in Africa. What will happen to the food security system here?"

Positive signs

Around 70% of what the world consumes is dependent on bees for

pollination. But with a population that is predicted to double by 2050, African farmers will have to provide for a larger -- and wealthier population.

Scientists have no intention of bringing African bees to the struggling bee populations in the United States or Europe. "You don't want to cross one variety with another one and it will cause a disaster," Raina said. Still, studies from the laboratory may give some answers to some of the world's declining bee populations.

Scientists are working on a bio pesticide made of a locally sourced plant extract that may help combat the Varroa mite, a parasite that contributes to death of bees in the United States. And while the research is still out, the signs are positive.